

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006857.D
 Acq On : 22 Nov 2021 17:01
 Operator : SY/MD
 Sample : M4812-01
 Misc : 3.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SETTING-TANK-01

Quant Time: Nov 23 04:48:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

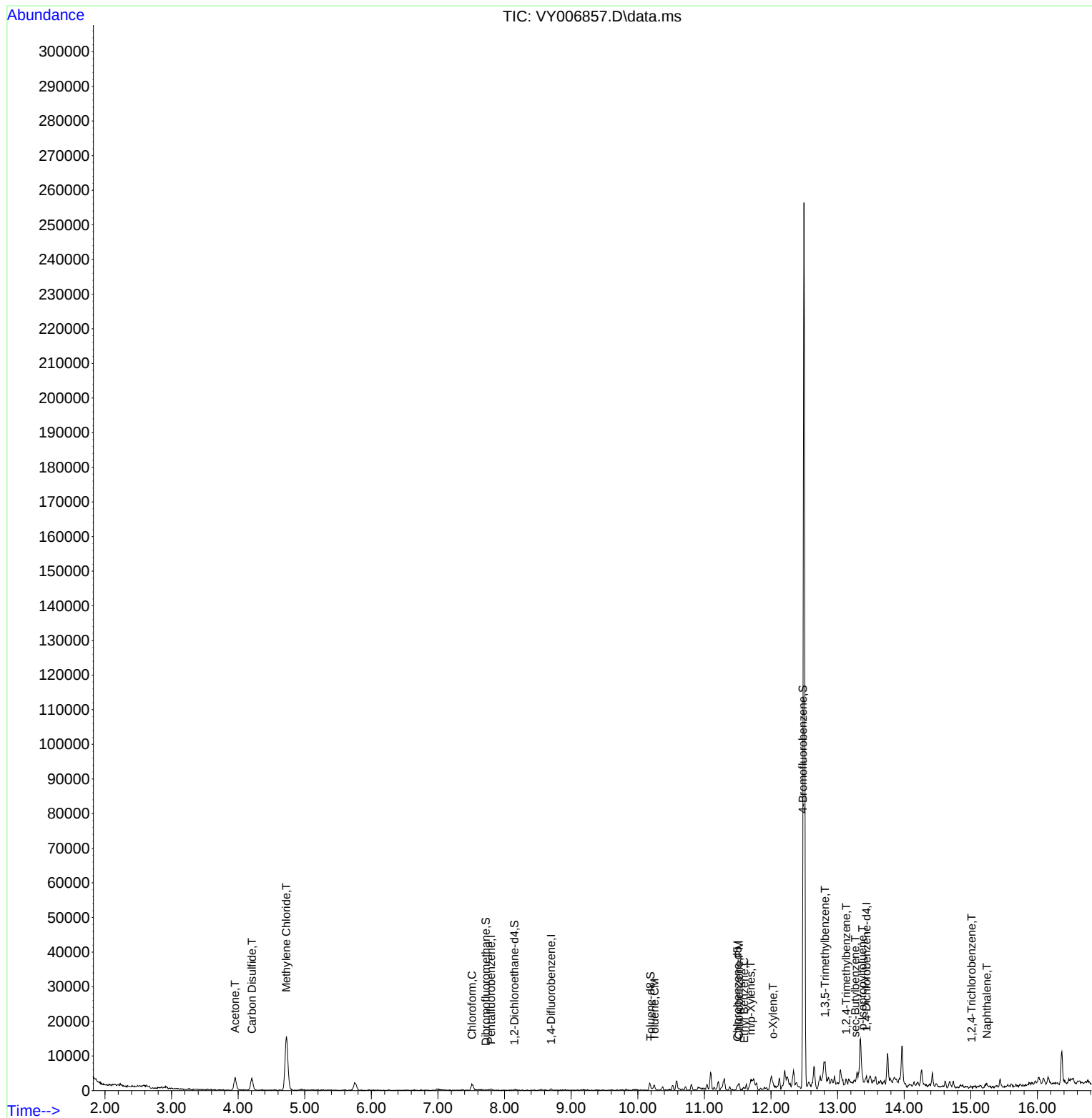
Internal Standards						
1) Pentafluorobenzene	7.795	168	247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	759	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	217	67.033	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	134.060%	
35) Dibromofluoromethane	7.716	113	23	6.523	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	13.040%#	
50) Toluene-d8	10.191	98	592	40.576	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	81.160%	
62) 4-Bromofluorobenzene	12.477	95	557	113.244	ug/l	-0.01
Spiked Amount	50.000	Range 25 - 144	Recovery	=	226.480%#	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	6051	6152.136	ug/l	96
17) Carbon Disulfide	4.204	76	6473	766.764	ug/l	99
20) Methylene Chloride	4.723	84	10915	3989.777	ug/l	97
30) Chloroform	7.509	83	1679	321.929	ug/l	86
52) Toluene	10.252	92	668	62.632	ug/l	90
65) Chlorobenzene	11.520	112	958	62.040	ug/l	# 88
67) Ethyl Benzene	11.599	91	516	17.629	ug/l	# 67
68) m/p-Xylenes	11.697	106	746	66.876	ug/l	82
69) o-Xylene	12.032	106	213	20.156	ug/l	76
80) 1,3,5-Trimethylbenzene	12.813	105	426	9.640	ug/l	80
84) 1,2,4-Trimethylbenzene	13.130	105	805	18.246	ug/l	77
85) sec-Butylbenzene	13.264	105	356	6.229	ug/l	# 70
86) p-Isopropyltoluene	13.373	119	1325	27.385	ug/l	# 74
93) 1,2,4-Trichlorobenzene	15.013	180	126	9.139	ug/l	# 66
95) Naphthalene	15.239	128	1274	49.952	ug/l	# 89

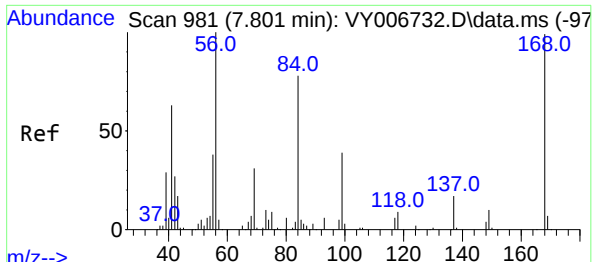
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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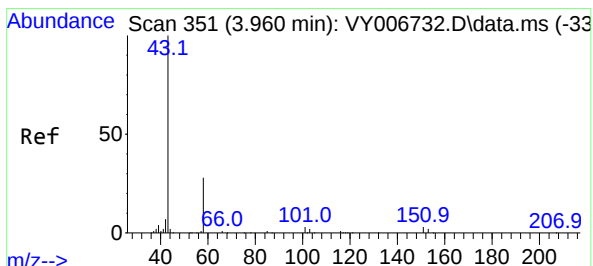
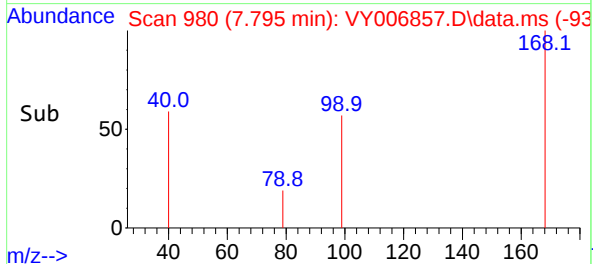
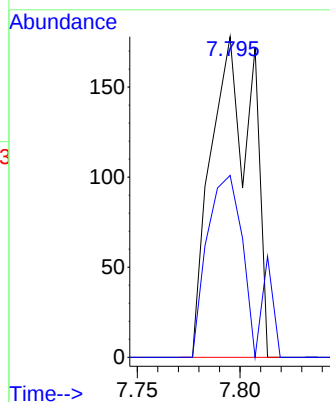
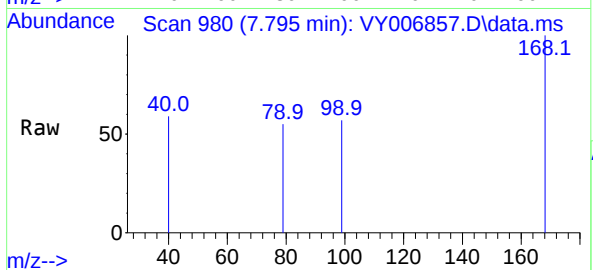




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

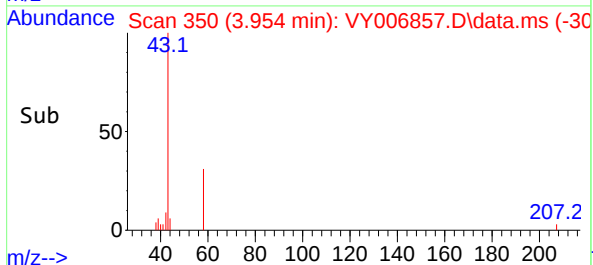
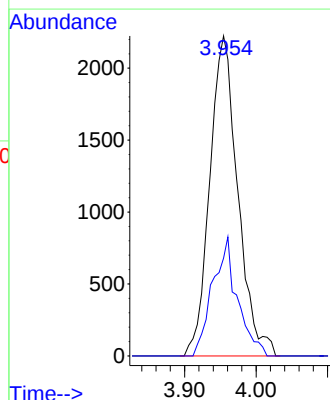
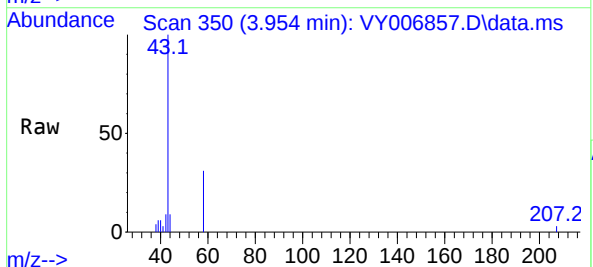
Instrument :
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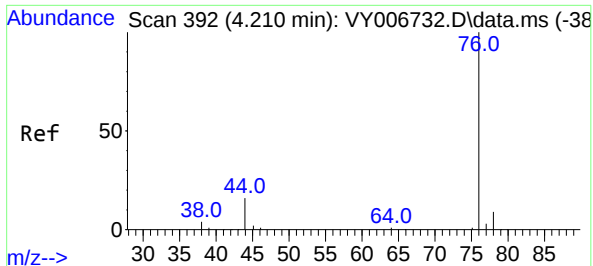
Tgt Ion:168 Resp: 247
Ion Ratio Lower Upper
168 100
99 56.7 44.8 67.2



#16
Acetone
Concen: 6152.136 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Tgt Ion: 43 Resp: 6051
Ion Ratio Lower Upper
43 100
58 30.5 22.9 34.3

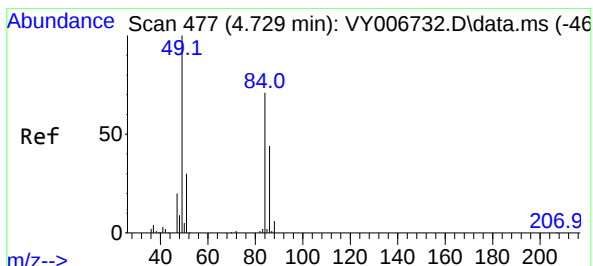
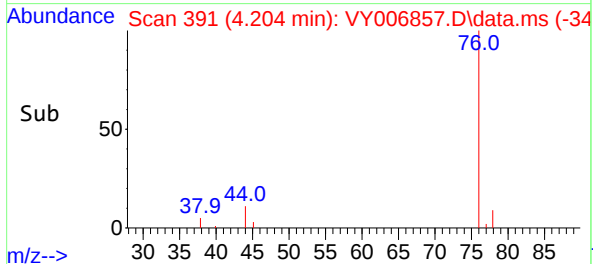
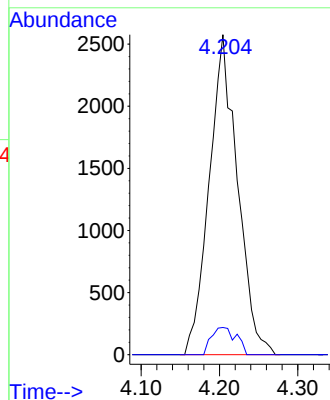
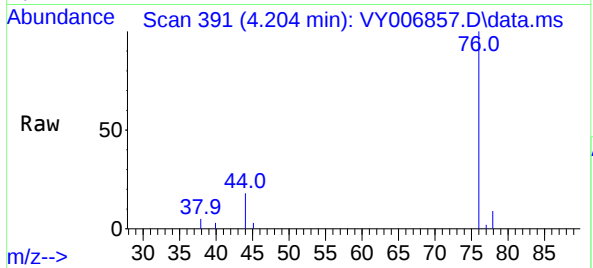




#17
Carbon Disulfide
Concen: 766.764 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

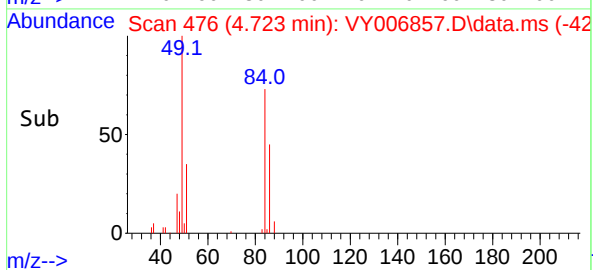
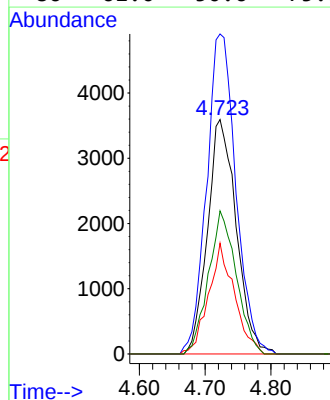
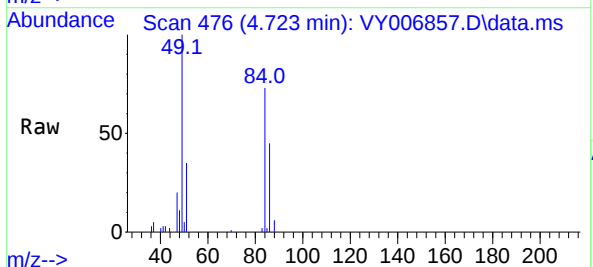
Instrument :
MSVOA_Y
ClientSampleId :
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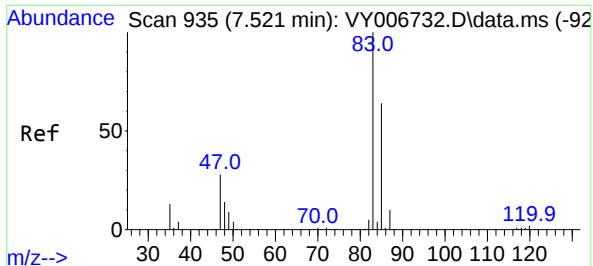
Tgt Ion: 76 Resp: 6473
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#20
Methylene Chloride
Concen: 3989.777 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Tgt Ion: 84 Resp: 10915
Ion Ratio Lower Upper
84 100
49 136.5 107.8 161.8
51 47.2 32.8 49.2
86 61.0 50.6 75.8

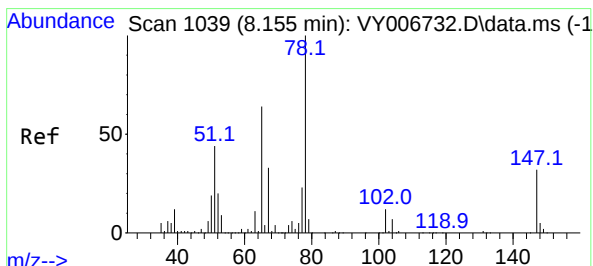
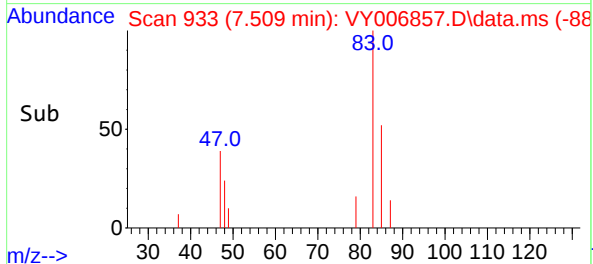
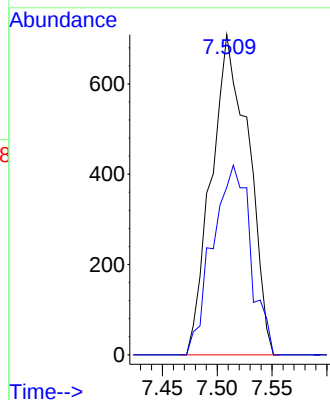
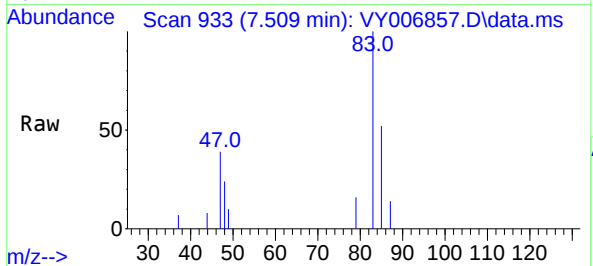




#30
Chloroform
Concen: 321.929 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

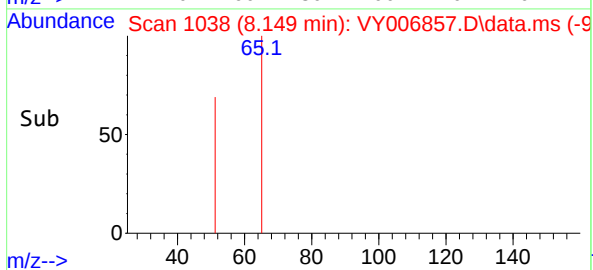
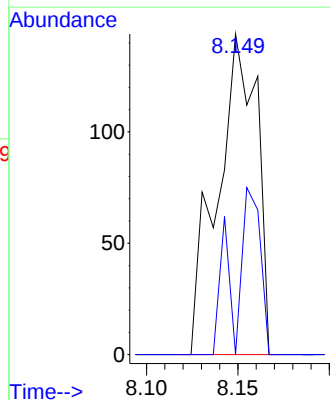
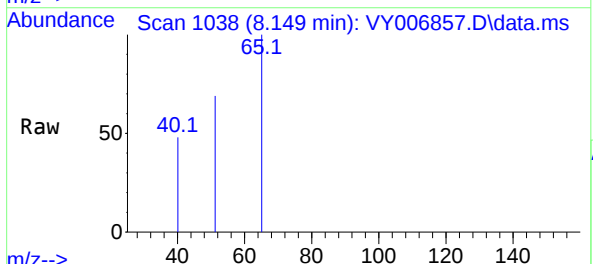
Instrument :
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ClientSampleId :
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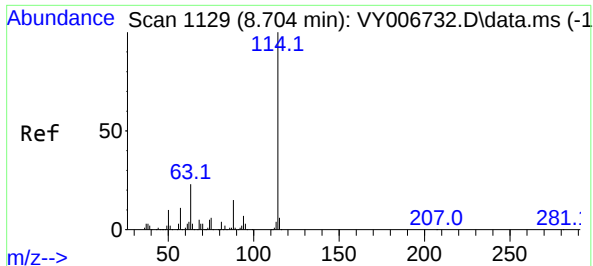
Tgt Ion: 83 Resp: 1679
Ion Ratio Lower Upper
83 100
85 52.3 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 67.033 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Tgt Ion: 65 Resp: 217
Ion Ratio Lower Upper
65 100
67 34.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006857.D

Acq: 22 Nov 2021 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SETTING-TANK-01

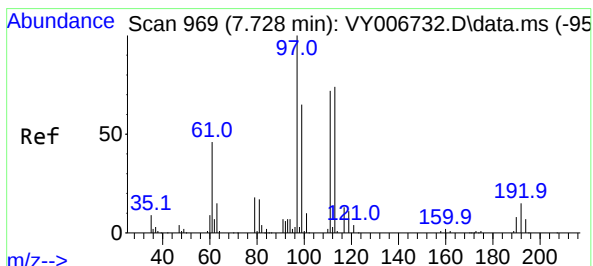
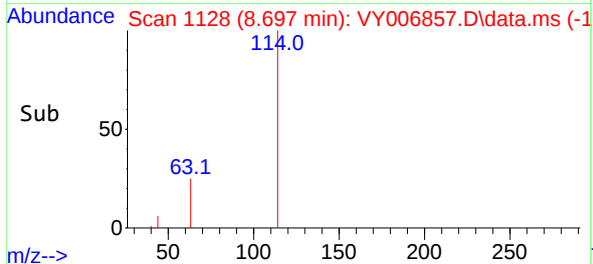
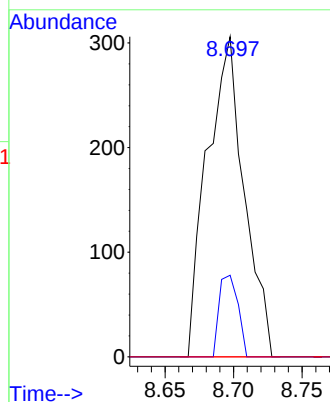
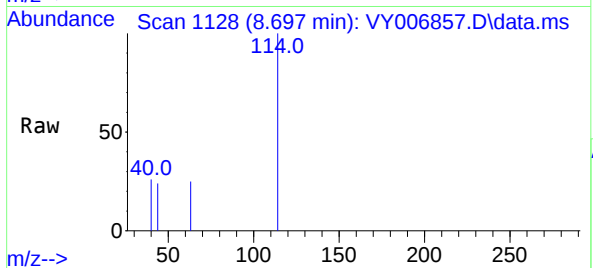
Tgt Ion:114 Resp: 574

Ion Ratio Lower Upper

114 100

63 25.5 0.0 45.0

88 0.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 6.523 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY006857.D

Acq: 22 Nov 2021 17:01

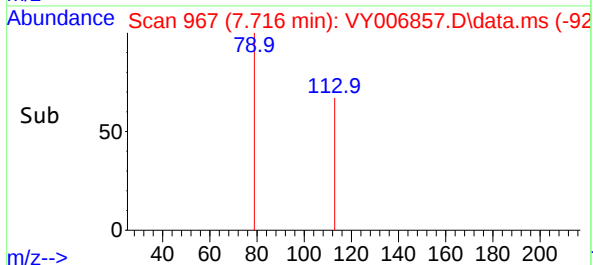
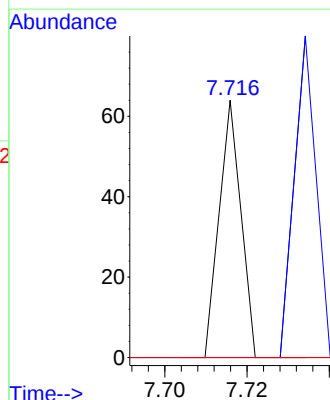
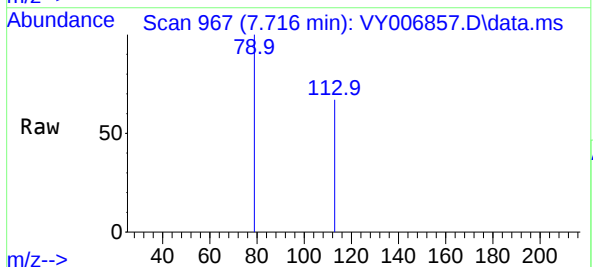
Tgt Ion:113 Resp: 23

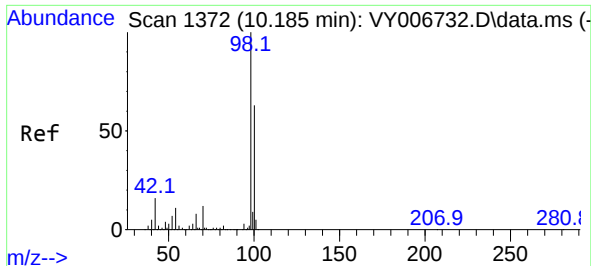
Ion Ratio Lower Upper

113 100

111 126.1 82.3 123.5#

192 0.0 17.4 26.2#

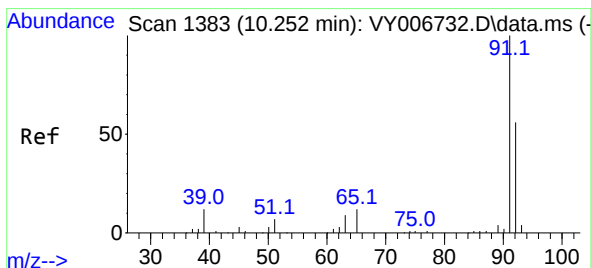
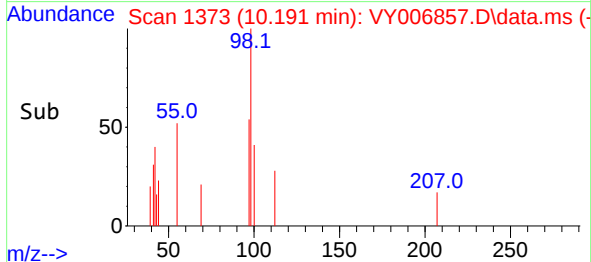
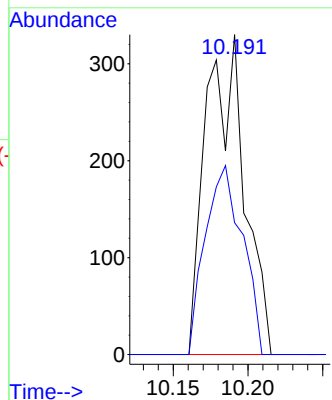
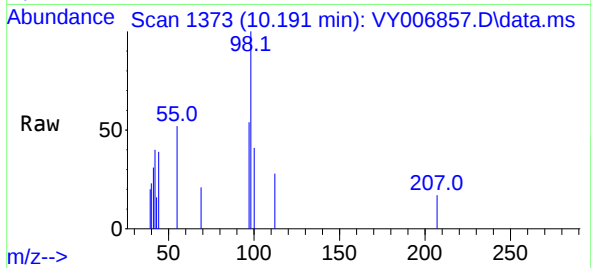




#50
Toluene-d8
Concen: 40.576 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

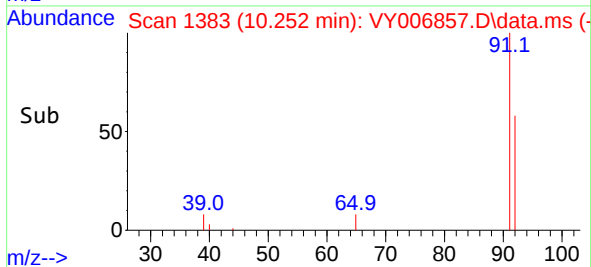
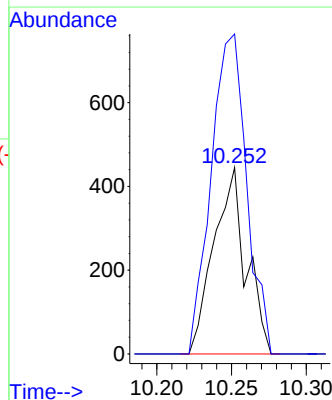
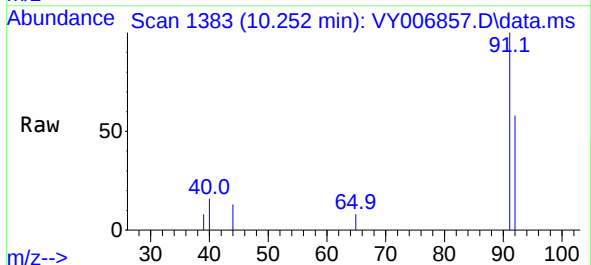
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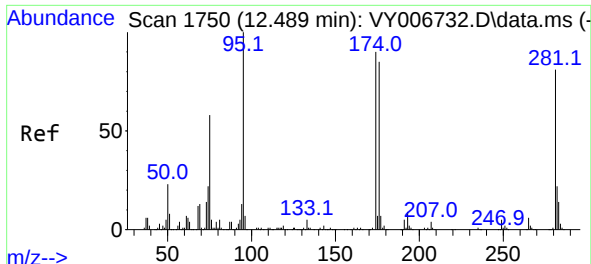
Tgt Ion: 98 Resp: 592
Ion Ratio Lower Upper
98 100
100 57.1 50.9 76.3



#52
Toluene
Concen: 62.632 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Tgt Ion: 92 Resp: 668
Ion Ratio Lower Upper
92 100
91 188.9 139.7 209.5

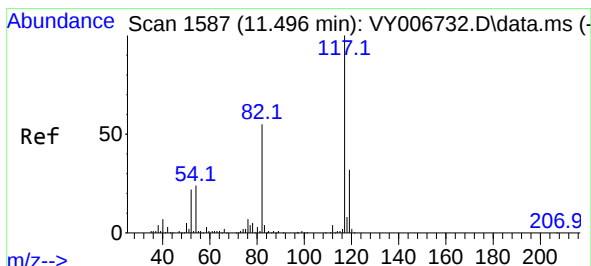
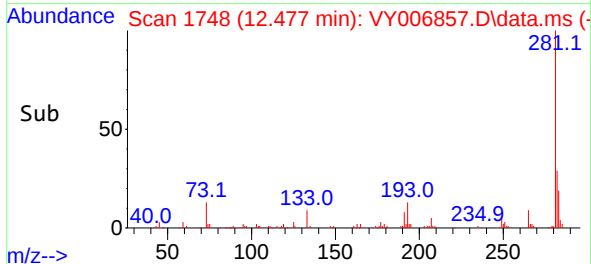
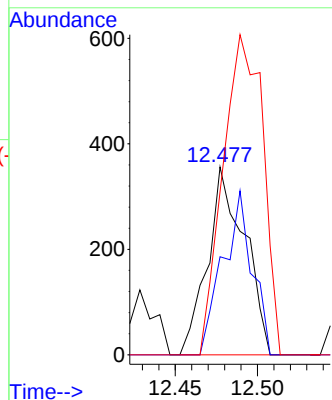
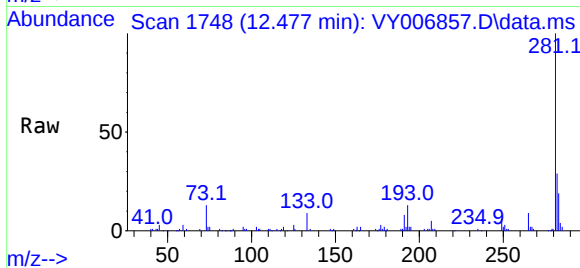




#62
4-Bromofluorobenzene
Concen: 113.244 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

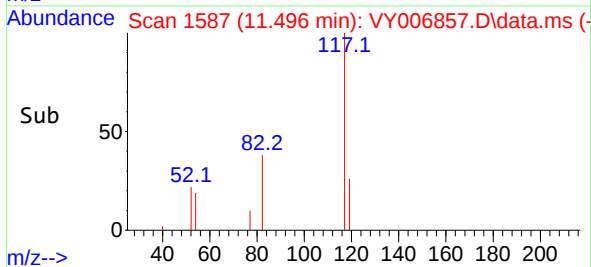
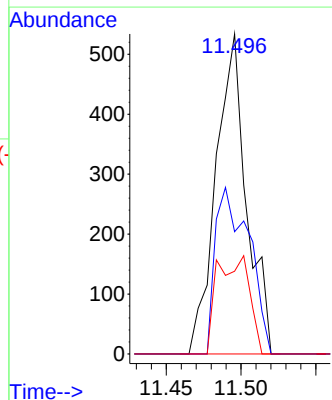
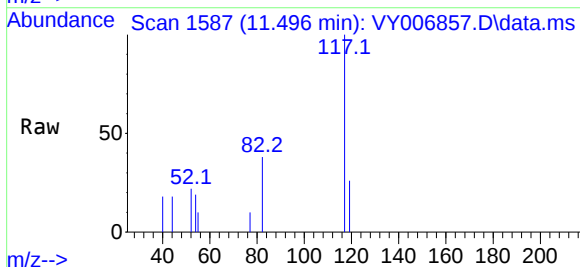
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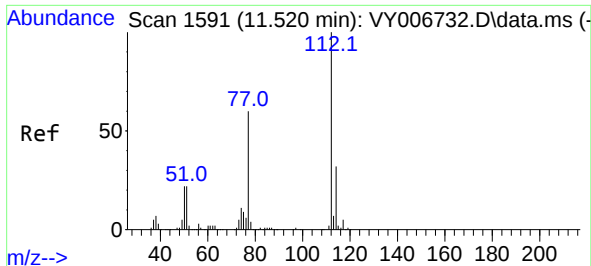
Tgt Ion: 95 Resp: 557
Ion Ratio Lower Upper
95 100
174 69.1 0.0 177.0
176 184.0 0.0 169.4#



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Tgt Ion: 117 Resp: 759
Ion Ratio Lower Upper
117 100
82 38.2 45.7 68.5#
119 25.8 25.5 38.3

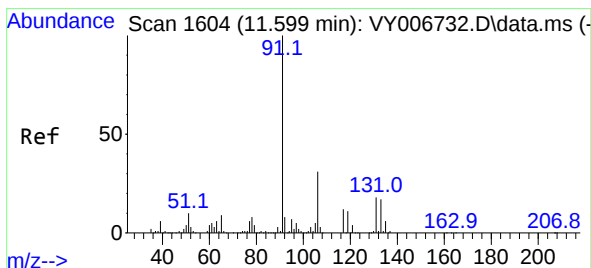
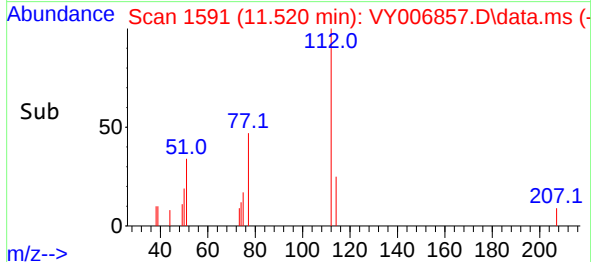
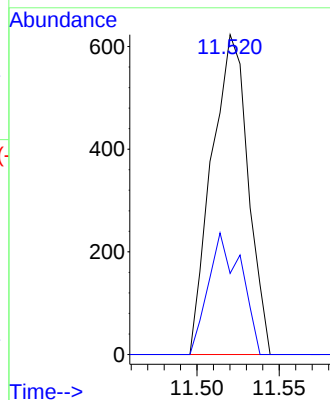
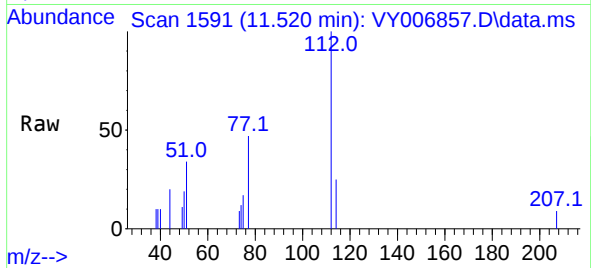




#65
Chlorobenzene
Concen: 62.040 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

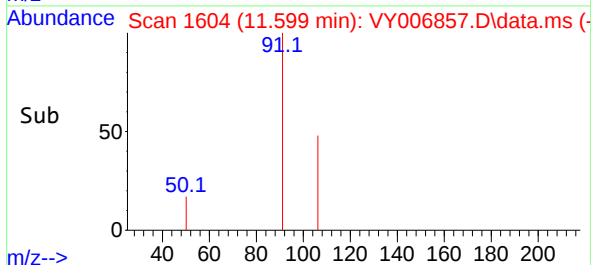
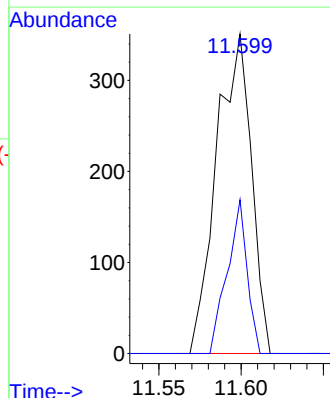
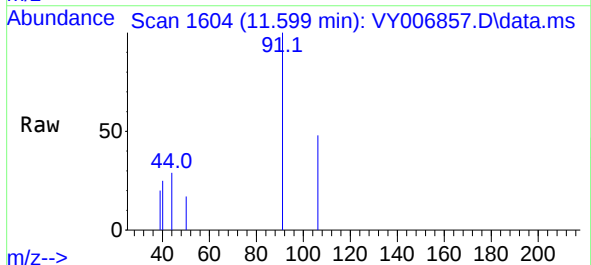
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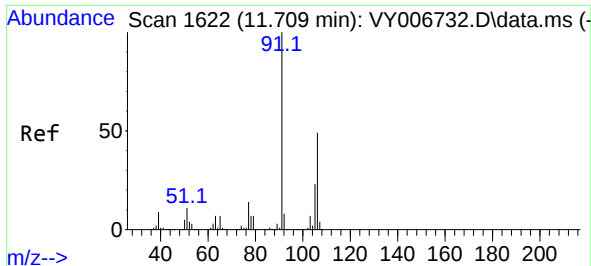
Tgt Ion:112 Resp: 958
Ion Ratio Lower Upper
112 100
114 25.4 25.8 38.8#



#67
Ethyl Benzene
Concen: 17.629 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Tgt Ion: 91 Resp: 516
Ion Ratio Lower Upper
91 100
106 48.1 24.2 36.4#

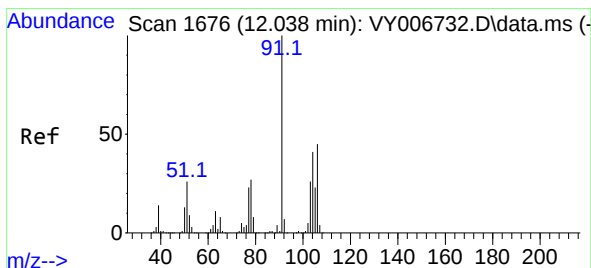
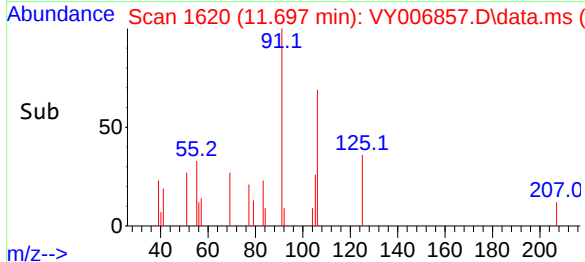
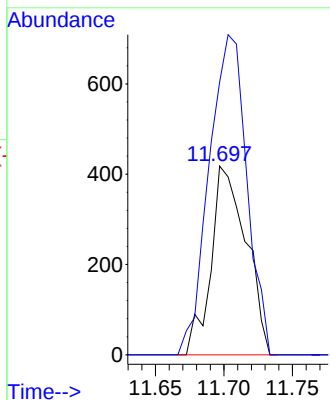
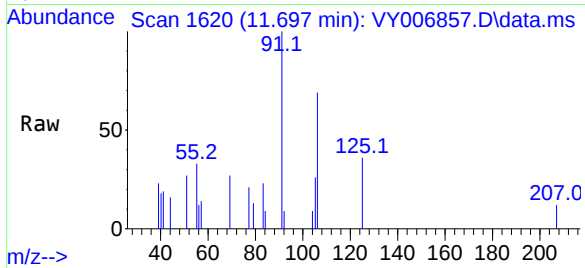




#68
m/p-Xylenes
Concen: 66.876 ug/l
RT: 11.697 min Scan# 11697
Delta R.T. -0.012 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

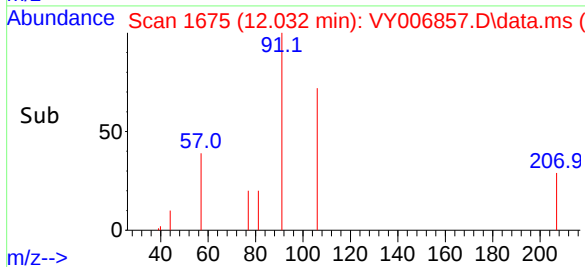
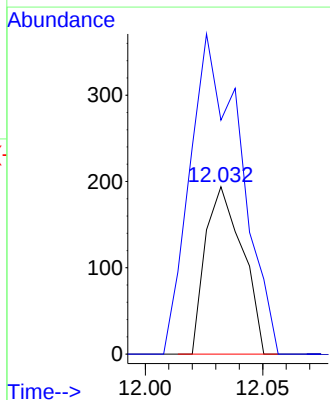
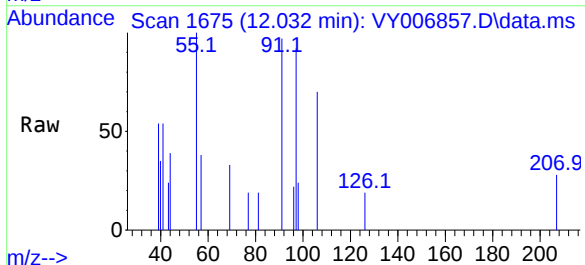
Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

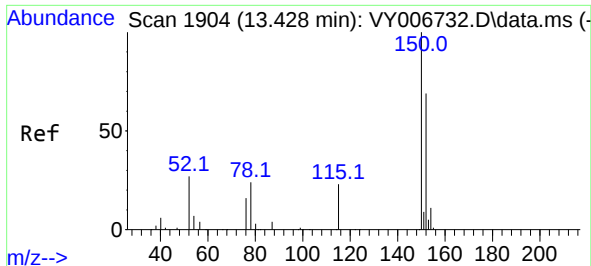
Tgt Ion:106 Resp: 746
Ion Ratio Lower Upper
106 100
91 181.9 167.5 251.3



#69
o-Xylene
Concen: 20.156 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Tgt Ion:106 Resp: 213
Ion Ratio Lower Upper
106 100
91 259.6 110.3 330.9

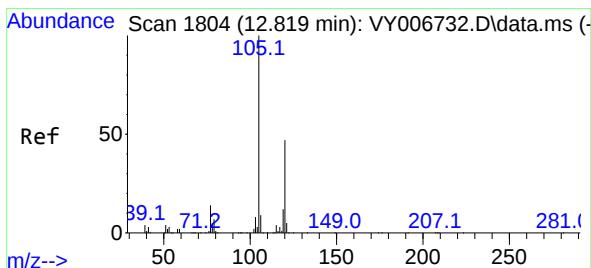
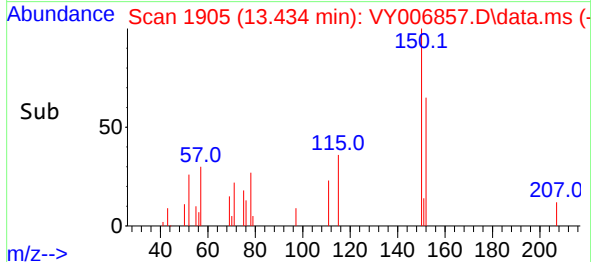
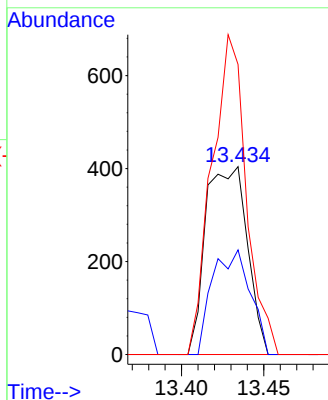
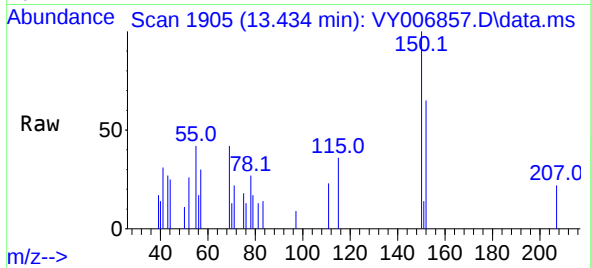




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY006857.D
 Acq: 22 Nov 2021 17:01

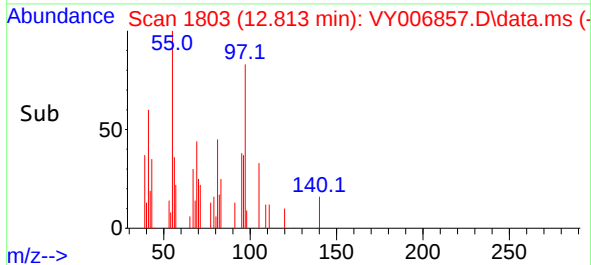
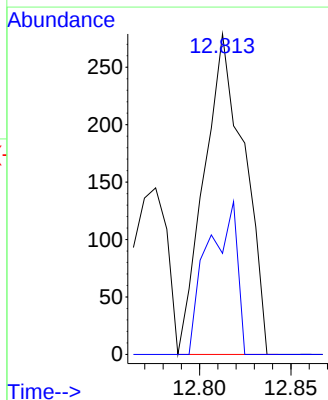
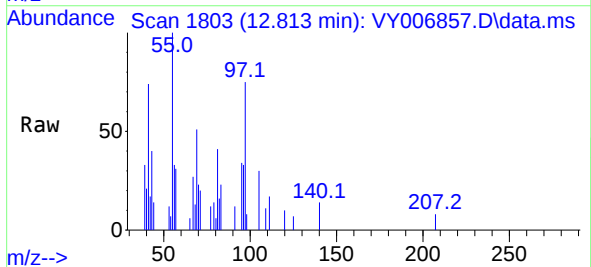
Instrument :
 MSVOA_Y
 ClientSampleId :
 SETTING-TANK-01

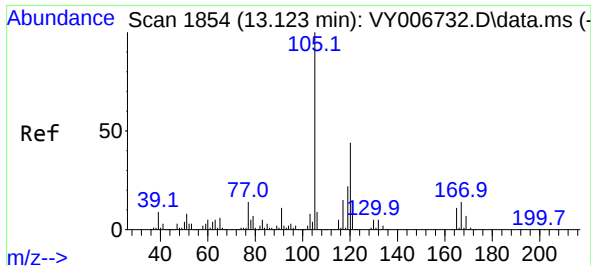
Tgt Ion:152 Resp: 708
 Ion Ratio Lower Upper
 152 100
 115 50.8 28.5 85.5
 150 141.8 0.0 348.2



#80
 1,3,5-Trimethylbenzene
 Concen: 9.640 ug/l
 RT: 12.813 min Scan# 1803
 Delta R.T. -0.006 min
 Lab File: VY006857.D
 Acq: 22 Nov 2021 17:01

Tgt Ion:105 Resp: 426
 Ion Ratio Lower Upper
 105 100
 120 35.0 24.1 72.4

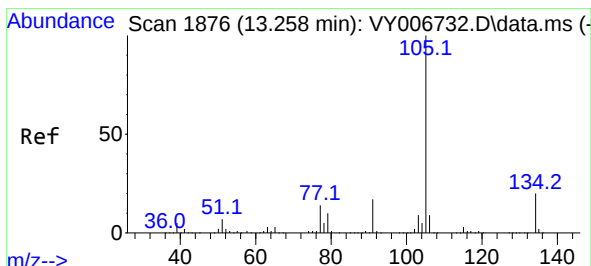
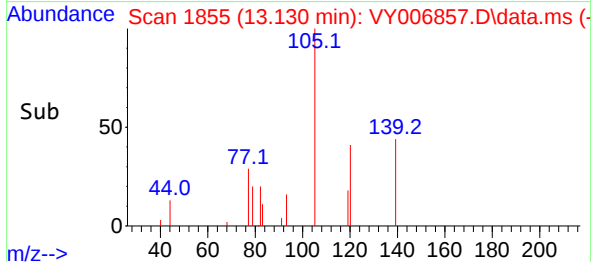
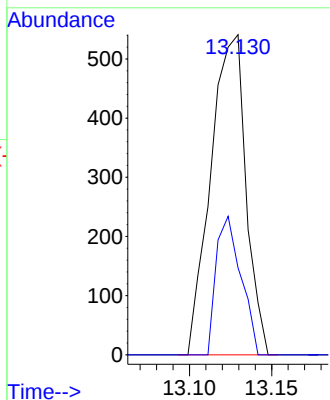
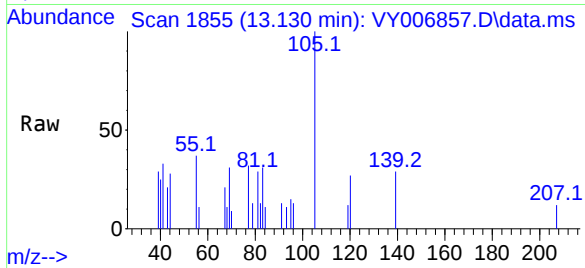




#84
1,2,4-Trimethylbenzene
Concen: 18.246 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

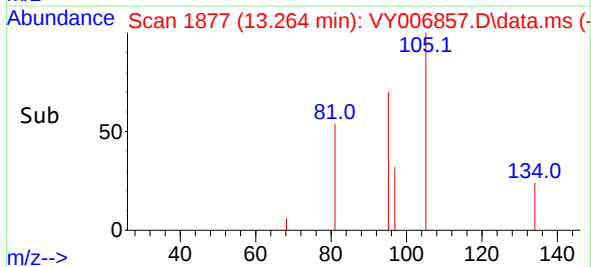
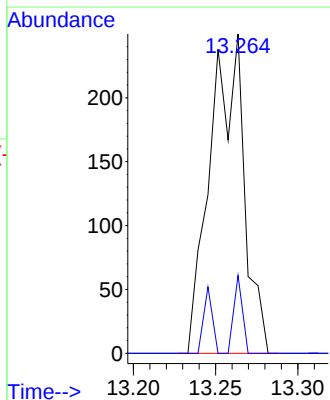
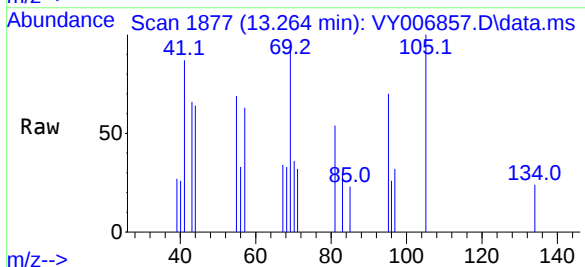
Instrument :
MSVOA_Y
ClientSampleId :
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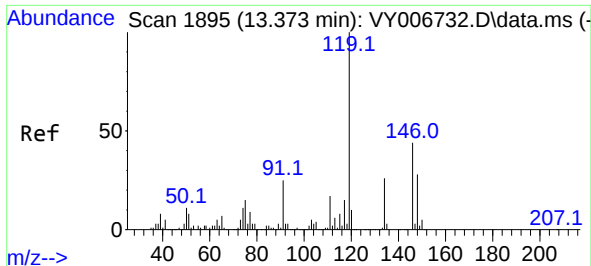
Tgt Ion:105 Resp: 805
Ion Ratio Lower Upper
105 100
120 30.4 22.6 67.8



#85
sec-Butylbenzene
Concen: 6.229 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Tgt Ion:105 Resp: 356
Ion Ratio Lower Upper
105 100
134 6.2 10.1 30.3#

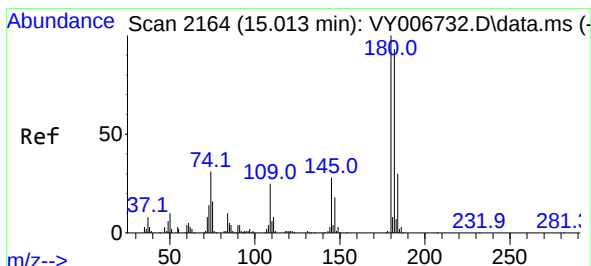
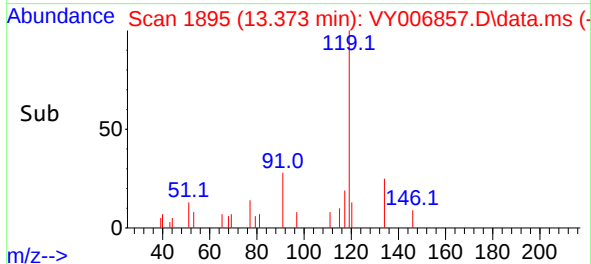
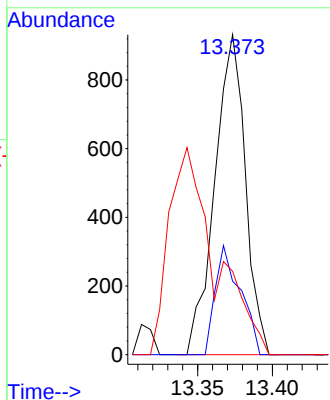
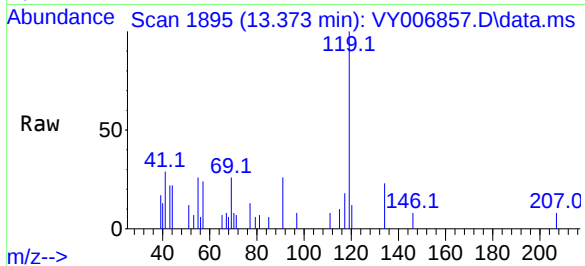




#86
p-Isopropyltoluene
Concen: 27.385 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

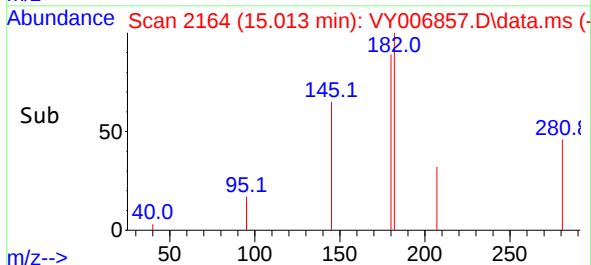
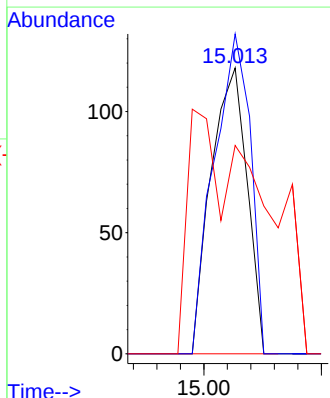
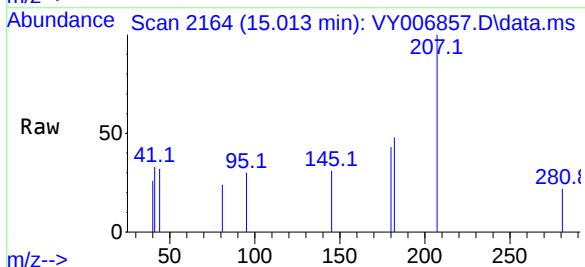
Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01

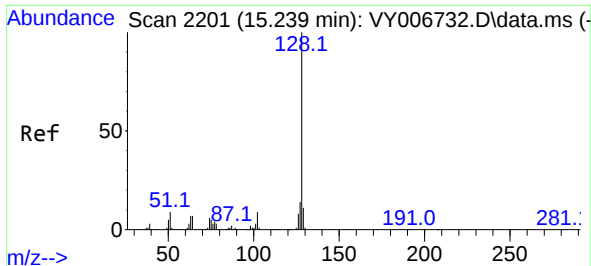
Tgt Ion:119 Resp: 1325
Ion Ratio Lower Upper
119 100
134 28.0 13.1 39.1
91 0.0 12.4 37.4#



#93
1,2,4-Trichlorobenzene
Concen: 9.139 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

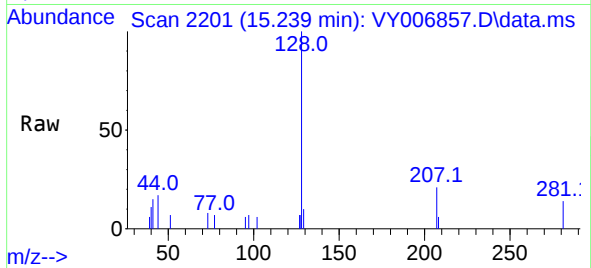
Tgt Ion:180 Resp: 126
Ion Ratio Lower Upper
180 100
182 112.7 47.1 141.4
145 73.8 14.5 43.6#





#95
Naphthalene
Concen: 49.952 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY006857.D
Acq: 22 Nov 2021 17:01

Instrument :
MSVOA_Y
ClientSampleId :
SETTING-TANK-01



Tgt Ion:	128	Resp:	1274
Ion	Ratio	Lower	Upper
128	100		
127	11.1	11.0	16.4
129	4.4	8.9	13.3#

